

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

Product Name: 22S  
Company Name: Sojet Electronics (XiaMen) Co.,Ltd.  
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## 2. Hazards Identification

Classification of The Substance or Mixture:

According to 67/548/EEC or 1999/45/EC.

Risk Phrases: Not classified

Label Elements:

According to 67/548/EEC or 1999/45/EC.

Symbol: Not classified

Risk Phrases: Not classified

Adverse Human Health Effects

(Ink)

Inhalation – Vapors and / or mists which may be formed at elevated temperatures may be irritating to eyes.

Skin – Contact with eye may result in mild irritation.

Ingestion – May be harmful if swallowed.

Eyes – Contact with eye may result in mild irritation.

## 3. Composition/Information on Ingredients

Chemical Character (Substance or Preparation): Preparation

Chemical Nature

Ingredients	Contents (wt%)	CAS No.	EU classification
Carbon Black	<5	1333-86-4	Not classified
Black Dye	<5	Confidential	Not classified
2-pyrrolidinone	<15	616-45-5	Not classified
Glycol	<15	Confidential	Not classified
Water	>60	7732-18-5	Not classified

4. First-Aid Measures

Inhalation

Remove subject to ventilated fresh air. Consult physician if necessary.

Skin Contact

Wash thoroughly with soap and water.

Eye Contact

Try to remove with eye drops or flush with water. If unsuccessful get medical attention.

Ingestion

Wash mouth with water and get medical advice.

5. Fire-Fighting Measures

Flash point for the ink and method

Not yet determined.

Upper and lower flammable (explosive) limits in air

Not yet determined.

Hazardous combustion products

Refer to section 10.

Extinguishing Media

Water,CO<sub>2</sub> Dry Chemical and others

Specific Method

No special fire protecting method is required.

6. Accidental Release Measures

Personal Precautions

Waterless hand cleaners followed by washing with soap and water readily remove product from skin.

Clean-Up Methods

Spills should be cleaned up with absorbent materials.

Large spills: Dike far ahead of liquid spill for later disposal.

Environment Precautions

Especially nothing

7. Handling and Storage

All employees who handle this ink should be trained to handle safely.

Handling (technical measures, precautions, safe handling material)

Prohibition of dropping and throwing

Storage (technical measures storage conditions, packaging material)

Keep out of reach of children and do not drink ink. Do not store ink in high or freezing temperature.

Keep ink out of direct sunlight. Do not store ink with acids, oxidizing agents or explosives.

Store with container tightly closed.

Store containers in a cool, dry location, away from direct sunlight or freezing temperature.

8. Exposure Controls / Personal Protection

Respiratory Protections

Use with adequate ventilation to avoid breathing vapors or mists minimal exposure vapors or mists generated by this ink.

None required under normal conditions of use.

Hand Protection

Wear light-weight plastic or rubber gloves for routine industrial use.

Eye Protection

Wear appropriate protective eyeglasses or safety goggles.

Skin and Body Protection

Remove contaminated clothing immediately.

None required under normal conditions of use.

If protection is needed chemical protective clothing made from natural rubber is generally acceptable.

9. Physical and Chemical Properties.

Physical State

Form: Water type ink

Color: Black

Odor: No strong odor is allowed.

Information

pH: 8.0-10.0

Measuring Temperature(°C): 25°C

Boiling Point (°C): -

Flash Point (°C): Flash Point is not detected. (JIS-K2265) This ink will not burn.

Auto Ignition Temperature (°C): -

Melting Point (°C): -

Explosion Properties: This product is considered non explosive material under normal use condition.

Vapor Pressure (pa): Not yet determined.

Measuring Temperature (°C):

Vapor Density (AIR=1): Not yet determined.

Density (g / cm<sup>3</sup>): 1.04 (JIS-K2249)

Solubility

Water Solubility (g / L): soluble.

Measuring Temperature (°C) :

Other Solvent name:

Other Solvent Solubility (g / L):

Measuring Temperature (°C):

Octanol / Water Partition Coefficient: Not yet determined.

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Extreme high or low temperatures

Materials to Avoid: Acid and strong oxidizer can cause a reaction.

Hazardous Decomposition Products: Upon decomposition this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Hazardous polymerization conditions and released products: Will not occur.

11. Toxicological Information

Acute Toxicity

Acute Oral Toxicity: No data

Acute Dermal Toxicity: No data

Acute Inhalation Toxicity: No data

Acute Skin irritation: No data

Acute Eye Irritation: No data

Acute Skin Sensitization: No data

Acute Allergenic Effects: No data

Carcinogenicity

Ames test: No data

The carbon black contained in this product corresponds to IARC(2B).

12. Ecological Information

Acute Toxicity for fish: LC50 > -

13. Disposal Consideration

Dispose of waste material in accordance with local state and federal pollution regulations.

14. Transport Information

This ink is subject to the following transportation regulations as indicated:

IATA: Not regulated

DOT: Not regulated

ADR: Not regulated

Sojet Electronics (XiaMen) Co.,Ltd.

15. Regulation Information

TSCA status: All ingredients are on the TSCA inventory.

The chemicals that are listed in California Proposition 65 are not contained in this ink.

EU Notification: All ingredients are listed on EINECS.

EU 67/548/EEC or 1999/45/EC: Not classified.

EU REACH ANNEX XIV: Not contain.

EU REACH ANNEX XVII: Not applicable.

EU REACH SVHC(1-7<sup>th</sup>): Not Contain.

16. Other Information

None

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The information herein given in good faith and to the best knowledge but no warranty, express or implied, is made.